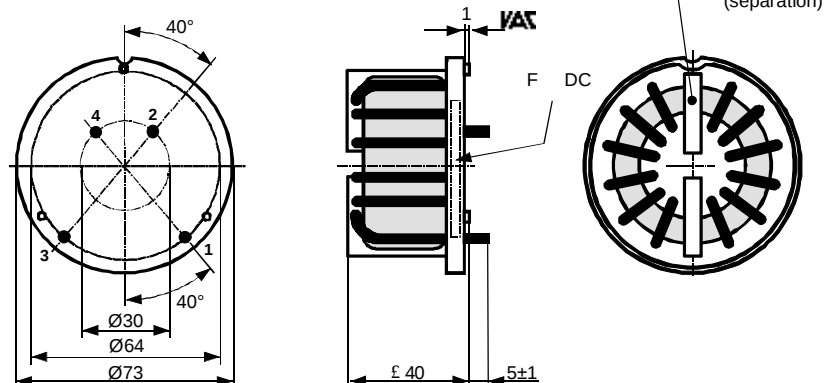
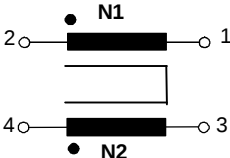


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| K-Nr.: 25662<br>K-no.: | Stromkompensierte Drossel / Common Mode Choke | Datum: 10.05.2010<br>Date: |
|------------------------|-----------------------------------------------|----------------------------|

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| Kunde: Typenelement / Standard type<br>Customer | Kd. Sach Nr.:<br>Customers part no.: | Seite 1 von 2<br>Page of |
|-------------------------------------------------|--------------------------------------|--------------------------|

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maßbild (mm):</b> Freimaßtoleranz DIN ISO 2768-c<br><b>Mechanical outline</b> General tolerances<br>Toleranz der Stiftabstände ±0,3mm<br>(grid distance tolerances)<br> | <b>Anschlüsse:</b><br>Connections:<br>Cu verzinkt<br>Cu tinned<br>$\varnothing = 6,0 \pm 0,3 \text{ mm}$<br><br><b>Beschriftung:</b><br>marking<br><br>6123X285<br>F DC |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| <b>Anschlußschema:</b><br>Schematic diagram <div>  </div> <div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> </div> </div> <div> <div> </div> <div> 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|-------------------------------------------------------------------------|----------|-------------------------------------------------------------------------|------------------------------------------------------|
| <b>Prüfung / Inspection:</b> (V: 100%-Test; AQL...: DIN ISO 2859-Teil1) |          |                                                                         |                                                      |
| 1) (V)                                                                  | M3014:   | $U_{p,eff} = 2,25 \text{ kV}$ , 1 s ,                                   | N gegen/to N                                         |
| 2) (AQL 0,25)                                                           | M3011/1: | $L_1 = 0,49 \text{ mH}$ -30/+50%                                        | $f = 100 \text{ kHz}$ , $U_{AC,eff} = 1,5 \text{ V}$ |
| 3) (V)                                                                  | M3011/6: | Polarität / Übersetzungsverhältnis: Toleranz ± 3% (±0Wdg.)              | Polarity / Turns ratio: Tolerance                    |
| 4) (AQL 1/54)                                                           | M3011/5: | $R_{Cu} \leq 0,67 \text{ m}\Omega$ für jede Wicklung / for each winding |                                                      |
| 5) (Fix05)                                                              | M3290:   | Lötbarkeitstest nach Abschnitt 1 / solderability test acc. to chapter 1 |                                                      |
| 6) (AQL 1/54)                                                           | M3200:   | Mechanische Prüfung / mechanical test                                   |                                                      |

|                                                                                                                                                     |                                                                |                           |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------|-------------------------------|
| <b>Typprüfung / Type test:</b>                                                                                                                      |                                                                |                           |                               |
| 1) M3064:                                                                                                                                           | Stoßspannungsprüfung / surge voltage test:                     | N gegen/to N              |                               |
|                                                                                                                                                     | Einstellwerte / Settings: 1,2 $\mu\text{s}$ / 50 $\mu\text{s}$ | Kurvenform (waveform),    | $U_{p,peak} = 6,0 \text{ kV}$ |
|                                                                                                                                                     | 3 Impulse im Abstand t = 1s                                    | mit wechselnder Polarität |                               |
|                                                                                                                                                     | 3 pulses in a cycle of                                         | with changing polarity    |                               |
| 2) M3014:                                                                                                                                           | $U_{p,eff} = 2,25 \text{ kV}$ , t = 5 s,                       | N gegen/to N              |                               |
| Messungen nach Temperaturangleich der Prüflinge an Raumtemperatur<br>Measurements after temperature balance of the test samples at room temperature |                                                                |                           |                               |

|                       |               |
|-----------------------|---------------|
| Weitere Vorschriften: | Siehe Seite 2 |
| Applicable documents: | see page 2    |

| Datum | Name | Index | Änderung |
|-------|------|-------|----------|
|       |      | 81    |          |

|                       |                              |                      |                        |
|-----------------------|------------------------------|----------------------|------------------------|
| Hrsg.: KB-E<br>editor | Bearb.: Kosterec<br>designer | KB-PM: Rkl.<br>check | freig.: HS<br>released |
|-----------------------|------------------------------|----------------------|------------------------|

|                                                 |                                               |                            |
|-------------------------------------------------|-----------------------------------------------|----------------------------|
| K-Nr.: 25662<br>K-no.:                          | Stromkompensierte Drossel / Common Mode Choke | Datum: 10.05.2010<br>Date: |
| Kunde: Typenelement / Standard type<br>Customer | Kd. Sach Nr.:<br>Customers part no.:          | Seite 2 von 2<br>Page of   |

**Weitere Vorschriften:**

Applicable documents:

Konstruiert, gefertigt und geprüft nach EN 50178 und erfüllt die Vorschriften.

Constructed, manufactured and tested in accordance with EN 50178 and agrees with the standards.

**Parameter / Parameters:**

Basisisolation / Basic insulation:

N gegen/to N

Verschmutzungsgrad 2 / pollution degree 2

a) Netzstromkreis / connected to the mains

Überspannungskategorie / overvoltage category:

III

Bemessungsisolationsspannung / rated insulation voltage:

 $U_{is,eff} / U_{is,RMS} = 600 \text{ V (848 V}_{peak})$ 

 Prüfspannung / test voltage:  $U_{P,eff} / U_{P,RMS} \geq 1,65 \text{ kV}$ 

 Stoßspanng. / surge volt.age:  $U_{P,max} / U_{P,peak} \geq 6,0 \text{ kV}$ 

 Kriechstrecke / creepage: N gegen/to N  $\geq 5,5 \text{ (3,0) mm}$ 

 Kurvenform (waveform): 1,2  $\mu$ s / 50  $\mu$ s  
 Isolierstoffklasse 1 (auf Bodenplatte)  
 Insulation material group 1 (on base plate)  
 Isolierstoffklasse 1 (auf Kern)  
 Insulation material group 1 (on core)

 $\geq 5,5 \text{ (3,0) mm}$ 

 Luftstrecke / clearance: N gegen/to N  $\geq 5,5 \text{ mm}$ 

b) Nicht-Netzstromkreis / not connected to the mains

Überspannungskategorie / overvoltage category:

II

Bemessungsisolationsspannung / rated insulation voltage:

 $U_{is,eff} / U_{is,RMS} = 1000 \text{ V (1410 V}_{peak})$ 

 Prüfspannung / test voltage:  $U_{P,eff} / U_{P,RMS} \geq 2,25 \text{ kV}$ 

 Stoßspanng. / surge volt.age:  $U_{P,max} / U_{P,peak} \geq 6,0 \text{ kV}$ 

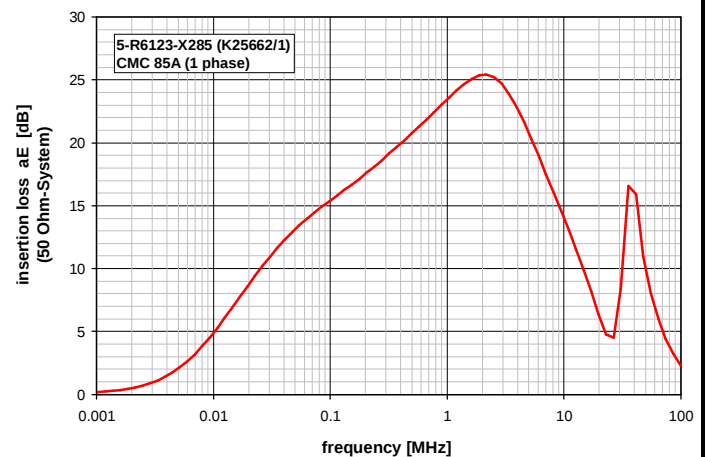
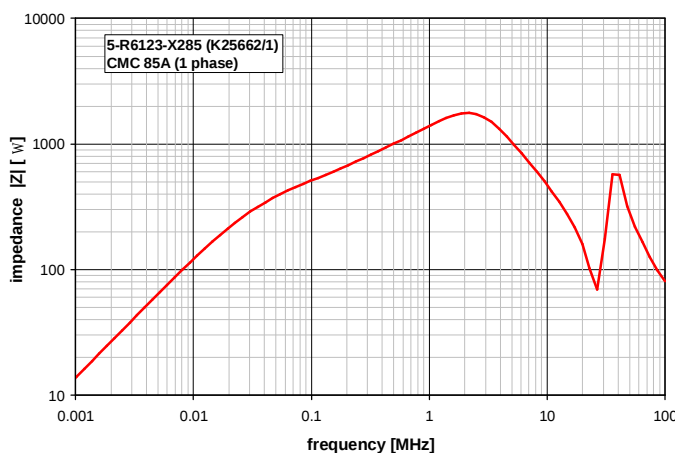
 Kriechstrecke / creepage: N gegen/to N  $\geq 5,5 \text{ (5,0) mm}$ 

 Kurvenform (waveform): 1,2  $\mu$ s / 50  $\mu$ s  
 Isolierstoffklasse 1 (auf Bodenplatte)  
 Insulation material group 1 (on base plate)  
 Isolierstoffklasse 1 (auf Kern)  
 Insulation material group 1 (on core)

 $\geq 5,5 \text{ (5,0) mm}$ 

 Luftstrecke / clearance: N gegen/to N  $\geq 5,5 \text{ mm}$ 
**Design:** Isoliersystem gemäß UL 1446 / insulation system compliant to UL 1446: File No.: E209169 (BASF 130-1), 130°C

Bauelement-Träger, Draht und Isoliermaterialien / component fixture, wire and insulation materials: UL-gelistet / UL-listed

**Typische Kurven / typical characteristics :**


|                       |                              |                      |                        |
|-----------------------|------------------------------|----------------------|------------------------|
| Hrsg.: KB-E<br>editor | Bearb.: Kosterec<br>designer | KB-PM: RKL.<br>check | freig.: HS<br>released |
|-----------------------|------------------------------|----------------------|------------------------|

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## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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